

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045583.D
 Acq On : 26 Apr 2024 09:17
 Operator : MA/JU
 Sample : P2037-18DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY4DL

Quant Time: Apr 26 11:23:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	942	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2487	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1221	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2309	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	1889	0.400	ng/ul	-0.01
23) Perylene-d12	23.365	264	3025	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	976	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	187	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	298	0.050	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.363	128	1224	0.183	ng/ul	96
7) 2-Methylnaphthalene	11.997	142	525	0.138	ng/ul	98
8) 1-Methylnaphthalene	12.217	142	359	0.084	ng/ul	97
10) Acenaphthylene	13.913	152	356	0.059	ng/ul#	59
11) Acenaphthene	14.260	153	115	0.026	ng/ul#	88
15) Phenanthrene	17.001	178	4877	0.725	ng/ul	97
16) Anthracene	17.094	178	541	0.086	ng/ul#	72
19) Fluoranthene	19.034	202	5537	0.635	ng/ul#	92
20) Pyrene	19.396	202	4554	0.508	ng/ul	96
21) Benzo(a)anthracene	21.167	228	2882	0.477	ng/ul	97
22) Chrysene	21.216	228	2879	0.310	ng/ul	97
24) Benzo(b)fluoranthene	22.713	252	5690	0.559	ng/ul	86
25) Benzo(k)fluoranthene	22.753	252	2140m	0.166	ng/ul	
26) Benzo(a)pyrene	23.268	252	4065	0.385	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.541	276	4033	0.263	ng/ul	91
28) Dibenzo(a,h)anthracene	25.551	278	940	0.077	ng/ul#	37
29) Benzo(g,h,i)perylene	26.212	276	4450	0.323	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

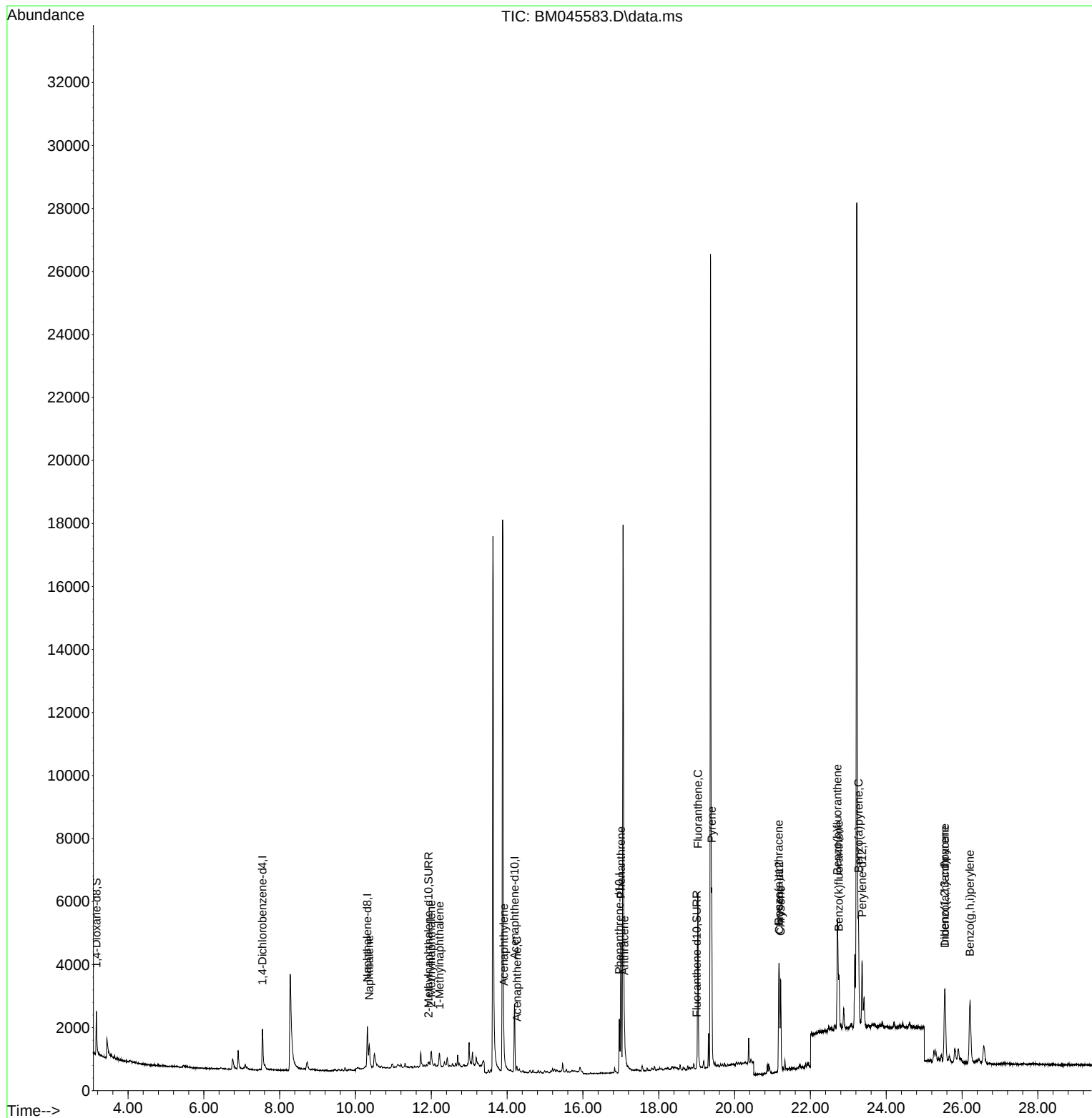
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045583.D
Acq On : 26 Apr 2024 09:17
Operator : MA/JU
Sample : P2037-18DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

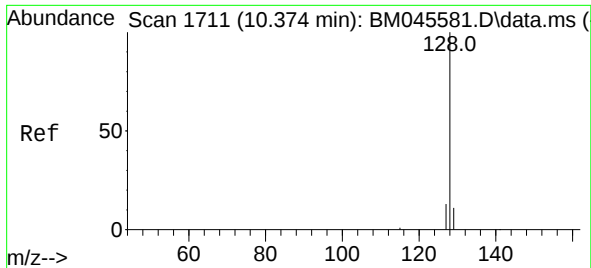
Instrument :
BNA_M
ClientSampleId :
E1CY4DL

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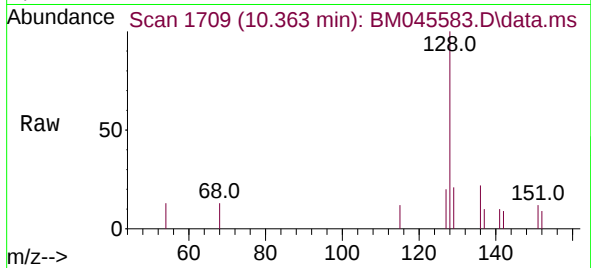
Quant Time: Apr 26 11:23:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.183 ng/ul
RT: 10.363 min Scan# 1711
Delta R.T. -0.016 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

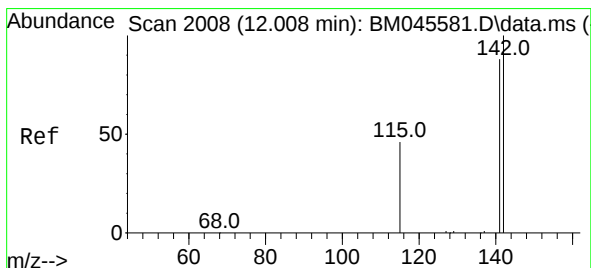
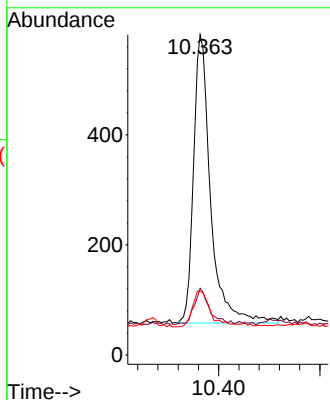
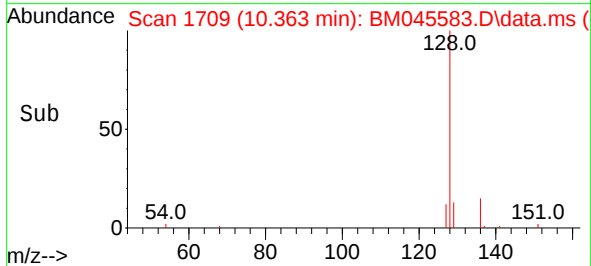
Instrument :
BNA_M
ClientSampleId :
E1CY4DL



Tgt Ion:128 Resp: 1224
Ion Ratio Lower Upper
128 100
129 20.8 14.0 21.0
127 19.9 15.4 23.2

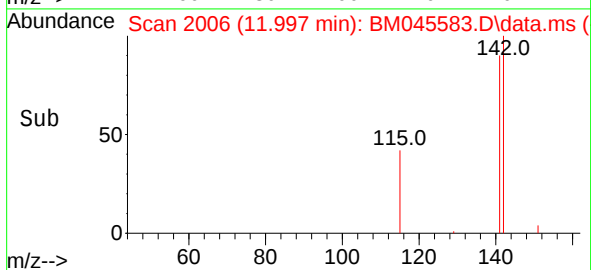
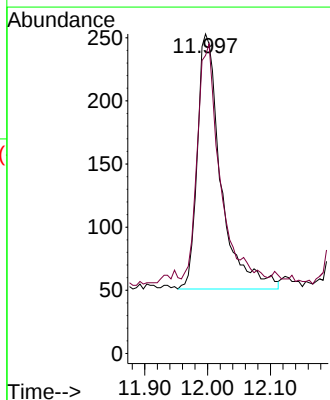
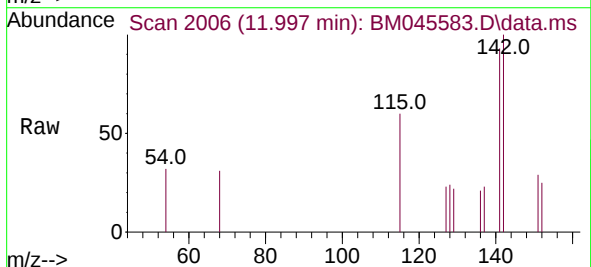
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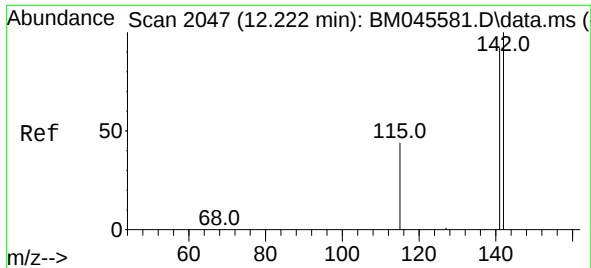
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

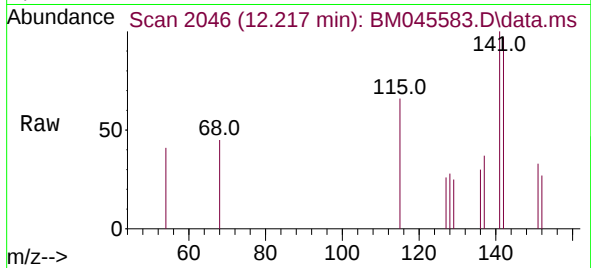
Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

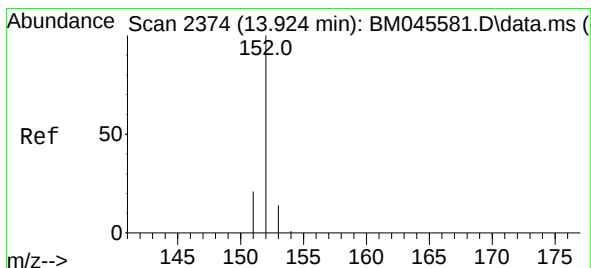
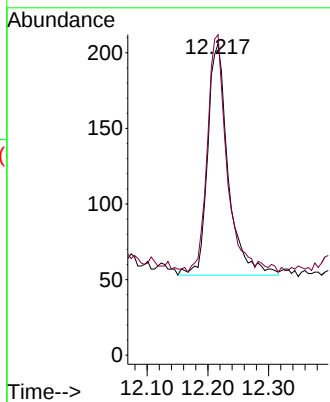
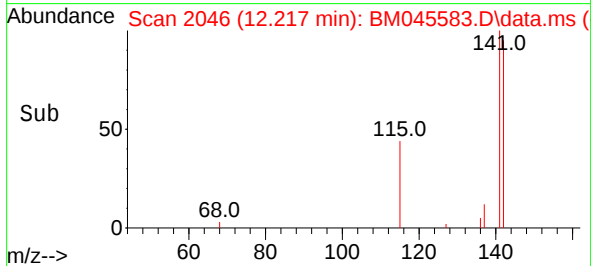
Instrument :
BNA_M
ClientSampleId :
E1CY4DL



Tgt Ion:142 Resp: 356
Ion Ratio Lower Upper
142 100
141 98.1 76.1 114.1

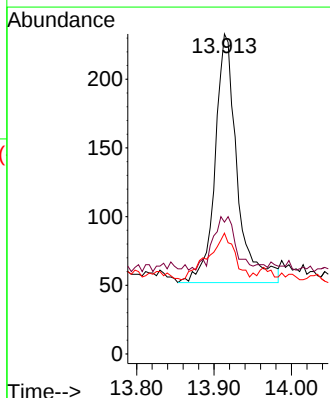
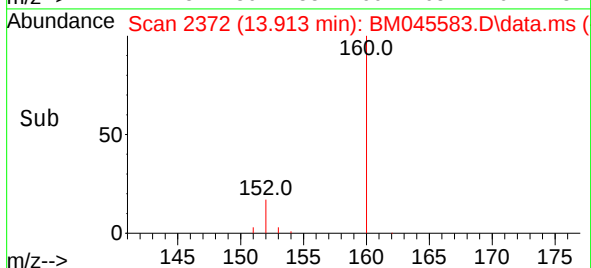
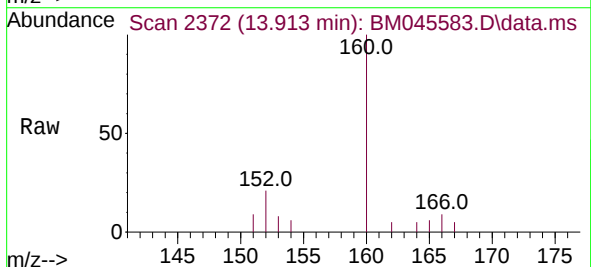
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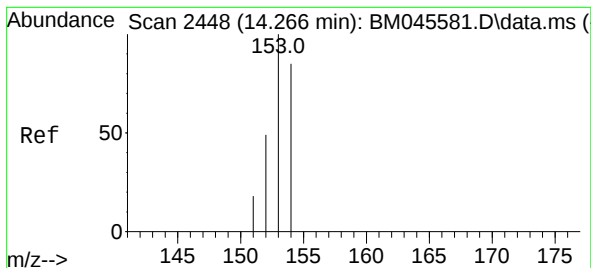
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 13.913 min Scan# 2372
Delta R.T. -0.014 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

Tgt Ion:152 Resp: 356
Ion Ratio Lower Upper
152 100
151 41.2 18.6 28.0#
153 37.8 14.1 21.1#





#11

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.260 min Scan# 2448

Delta R.T. -0.009 min

Lab File: BM045583.D

Acq: 26 Apr 2024 09:17

Instrument :

BNA_M

ClientSampleId :

E1CY4DL

Tgt Ion:153 Resp: 114

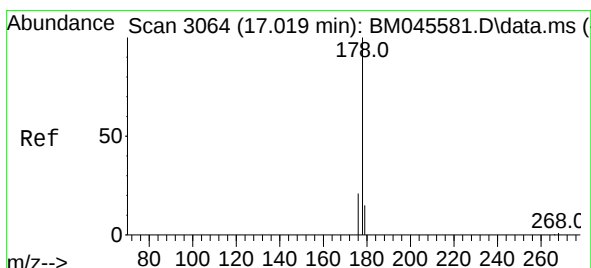
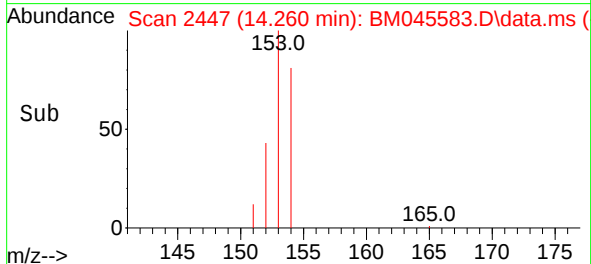
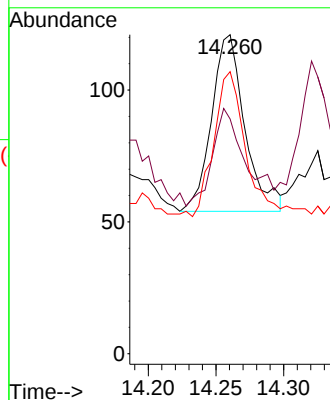
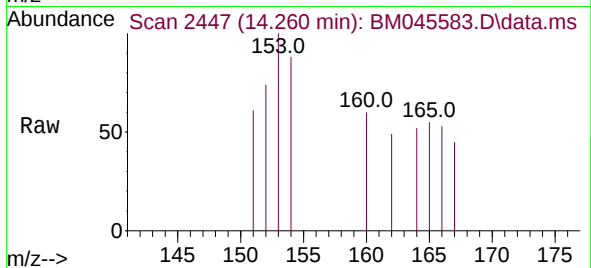
Ion	Ratio	Lower	Upper
153	100		
152	73.6	43.4	65.2
154	88.4	69.0	103.6

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Supervised By :mohammad ahmed 04/27/2024



#15

Phenanthrene

Concen: 0.725 ng/ul

RT: 17.001 min Scan# 3060

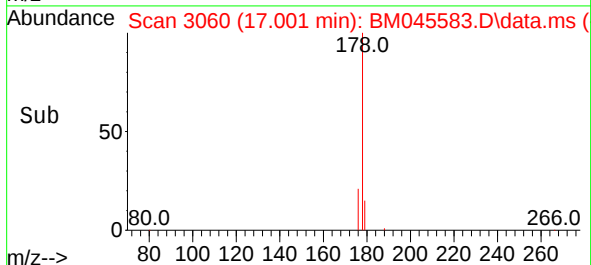
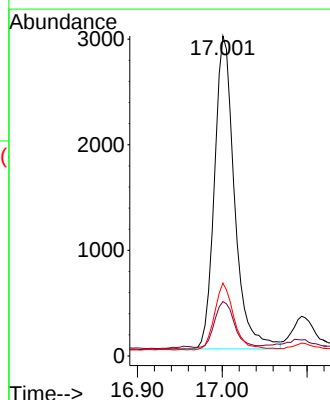
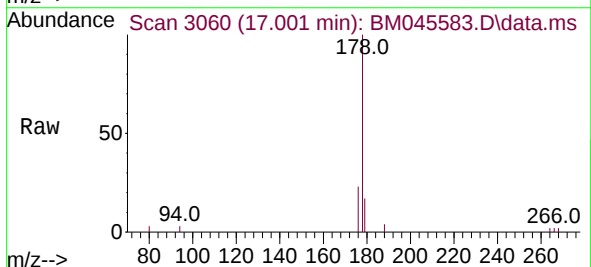
Delta R.T. -0.021 min

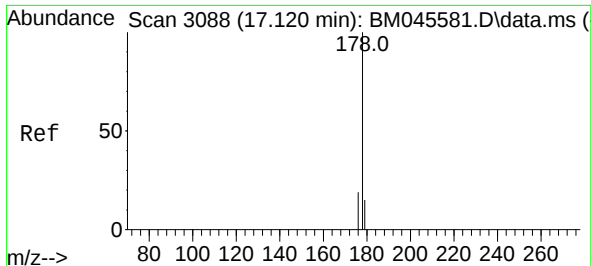
Lab File: BM045583.D

Acq: 26 Apr 2024 09:17

Tgt Ion:178 Resp: 4877

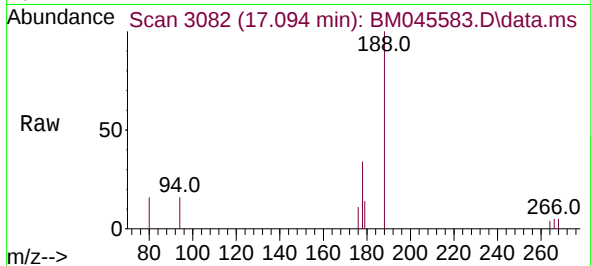
Ion	Ratio	Lower	Upper
178	100		
179	17.0	15.4	23.2
176	22.7	19.0	28.4





#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.094 min Scan# 3082
 Delta R.T. -0.025 min
 Lab File: BM045583.D
 Acq: 26 Apr 2024 09:17

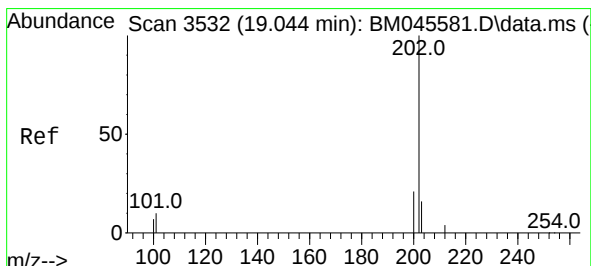
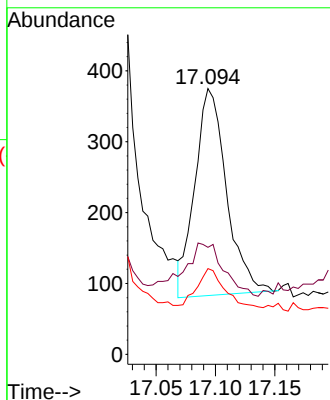
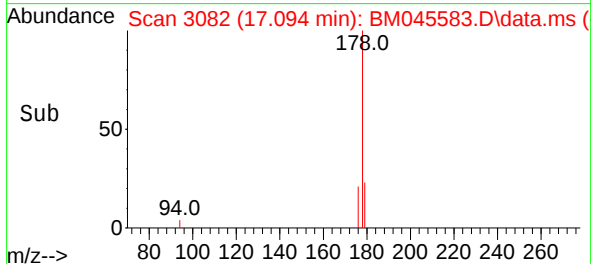
Instrument :
 BNA_M
 ClientSampleId :
 E1CY4DL



Tgt Ion:178 Resp: 543
 Ion Ratio Lower Upper
 178 100
 179 40.3 17.8 26.6#
 176 32.3 18.7 28.1#

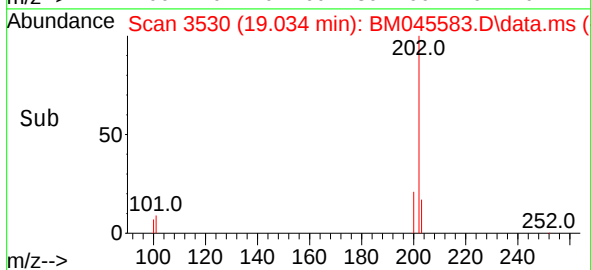
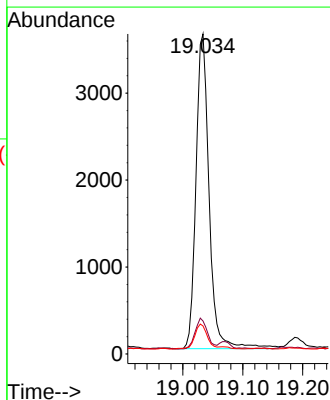
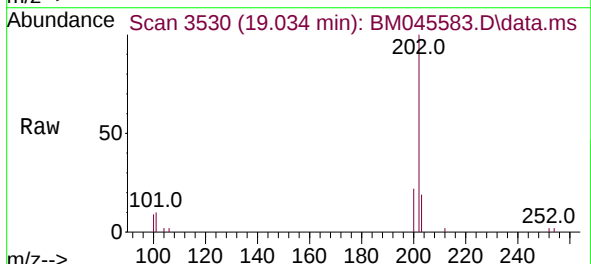
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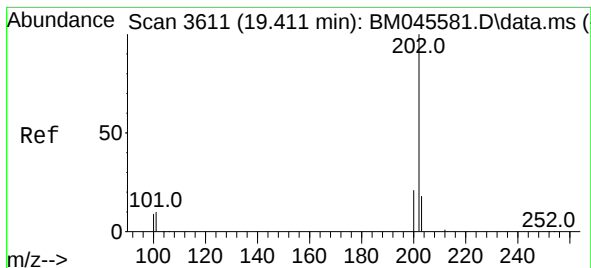
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#19
 Fluoranthene
 Concen: 0.635 ng/ul
 RT: 19.034 min Scan# 3530
 Delta R.T. -0.014 min
 Lab File: BM045583.D
 Acq: 26 Apr 2024 09:17

Tgt Ion:202 Resp: 5537
 Ion Ratio Lower Upper
 202 100
 101 10.3 11.2 16.8#
 100 8.7 9.1 13.7#





#20

Pyrene

Concen: 0.508 ng/ul

RT: 19.396 min Scan# 30

Delta R.T. -0.019 min

Lab File: BM045583.D

Acq: 26 Apr 2024 09:17

Instrument :

BNA_M

ClientSampleId :

E1CY4DL

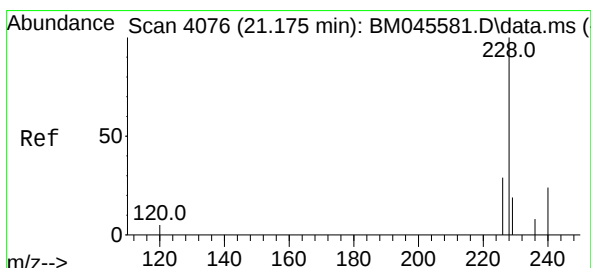
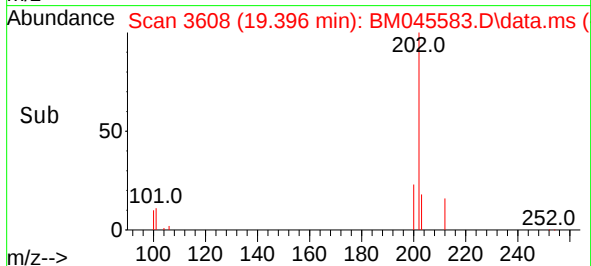
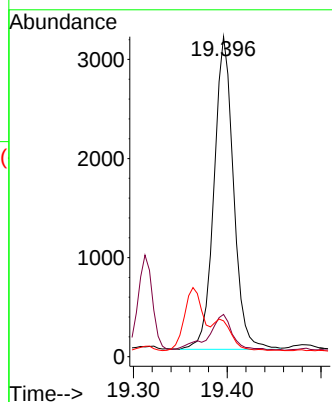
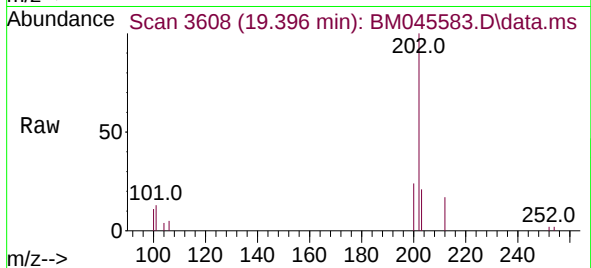
Tgt Ion:	202	Resp:	455
Ion Ratio	Lower	Upper	
202	100		
101	13.2	11.5	17.3
100	11.2	10.6	15.8

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 0.477 ng/ul

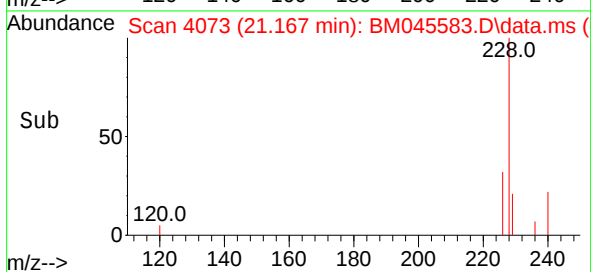
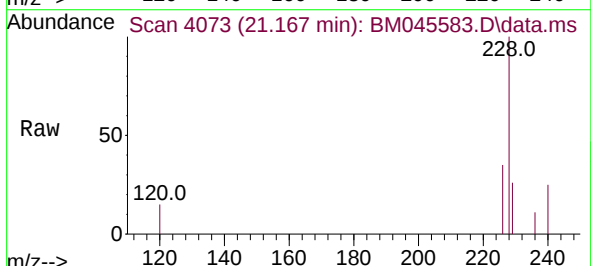
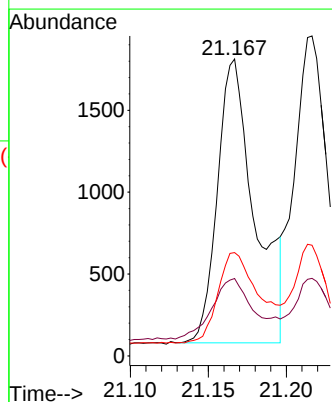
RT: 21.167 min Scan# 4073

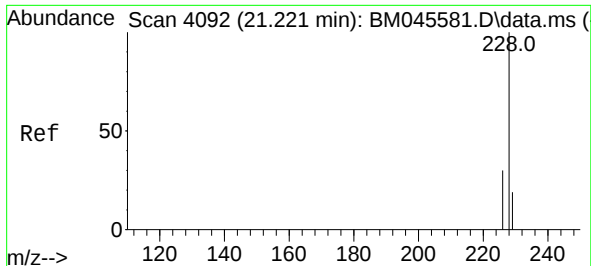
Delta R.T. -0.015 min

Lab File: BM045583.D

Acq: 26 Apr 2024 09:17

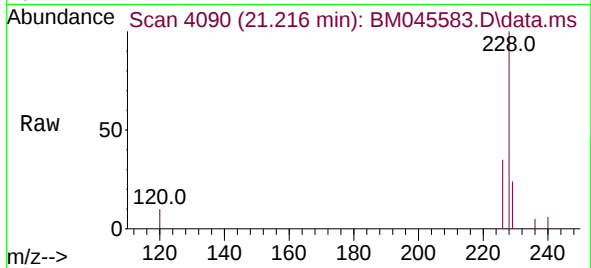
Tgt Ion:	228	Resp:	2882
Ion Ratio	Lower	Upper	
228	100		
229	26.1	19.4	29.2
226	34.8	26.3	39.5





#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.216 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

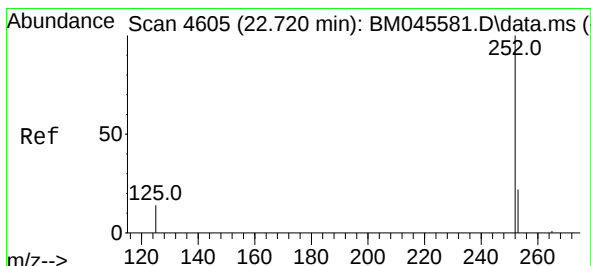
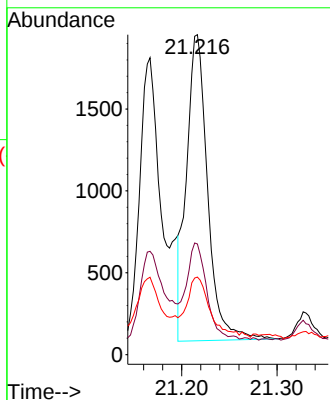
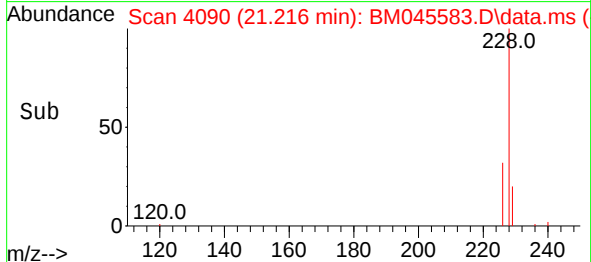
Instrument :
BNA_M
ClientSampleId :
E1CY4DL



Tgt Ion:228 Resp: 2879
Ion Ratio Lower Upper
228 100
226 34.6 26.3 39.5
229 24.3 17.8 26.8

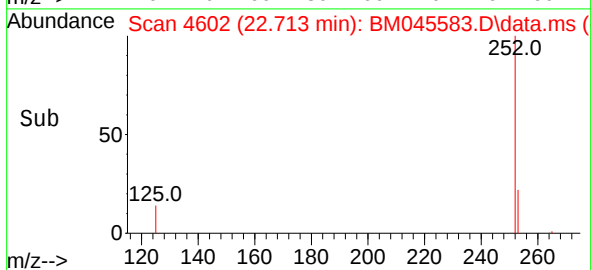
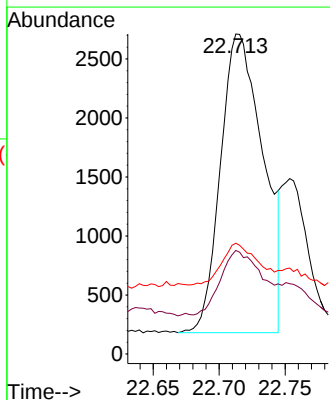
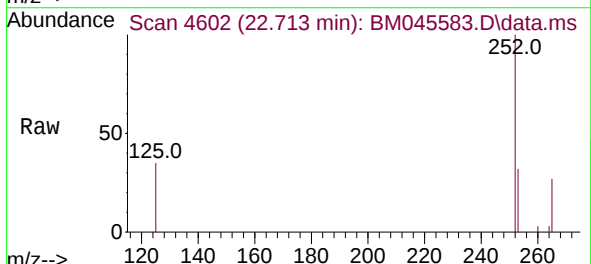
Manual Integrations
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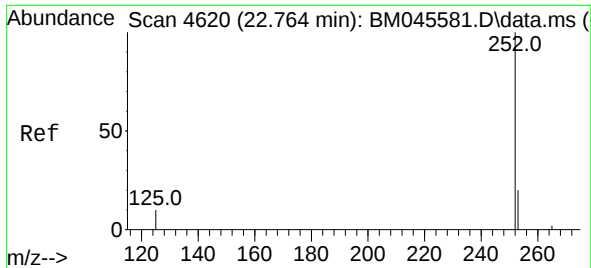
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.559 ng/ul
RT: 22.713 min Scan# 4602
Delta R.T. -0.017 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

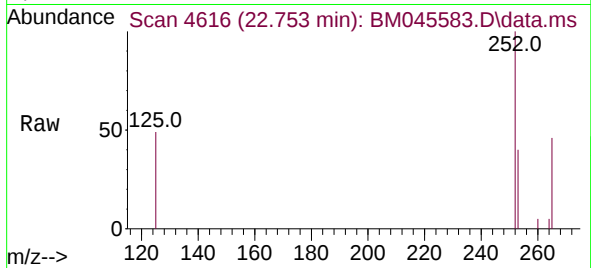
Tgt Ion:252 Resp: 5690
Ion Ratio Lower Upper
252 100
253 32.4 0.0 63.4
125 34.6 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 22.753 min Scan# 4616
Delta R.T. -0.017 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

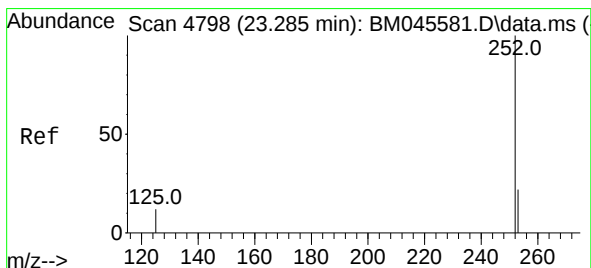
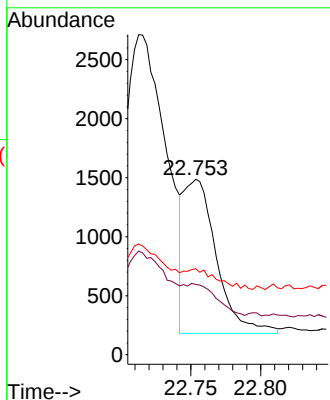
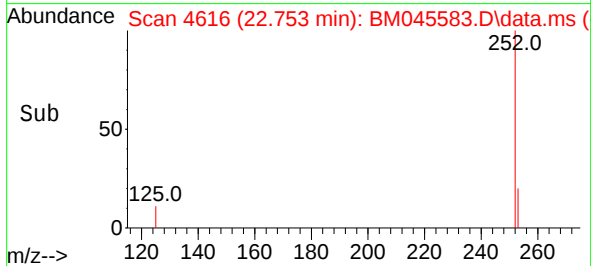
Instrument :
BNA_M
ClientSampleId :
E1CY4DL



Tgt Ion:252 Resp: 2140
Ion Ratio Lower Upper
252 100
253 40.1 25.4 38.0
125 49.1 14.8 22.2

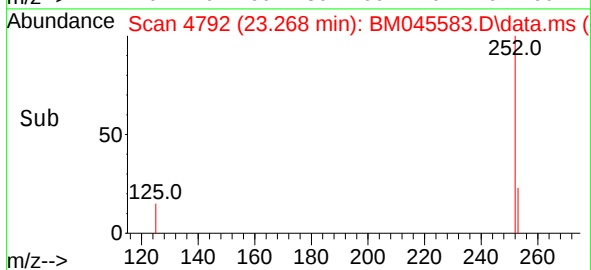
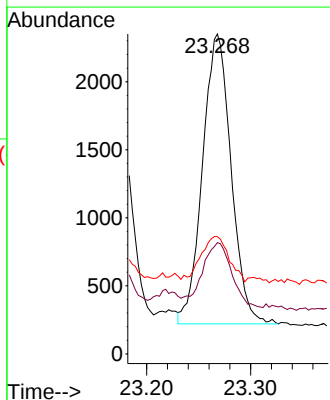
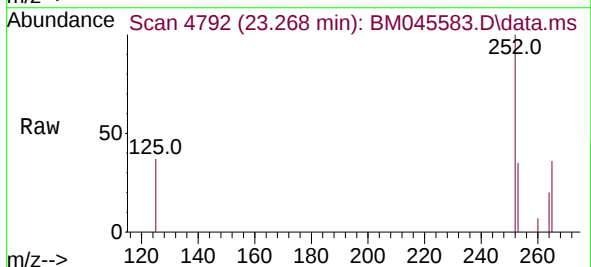
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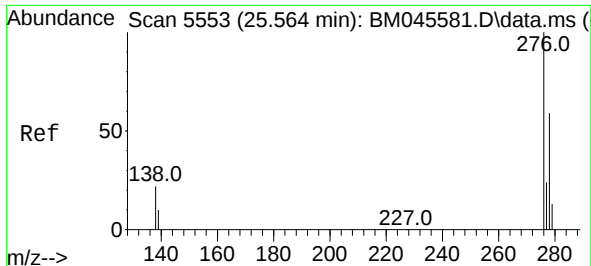
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.268 min Scan# 4792
Delta R.T. -0.023 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

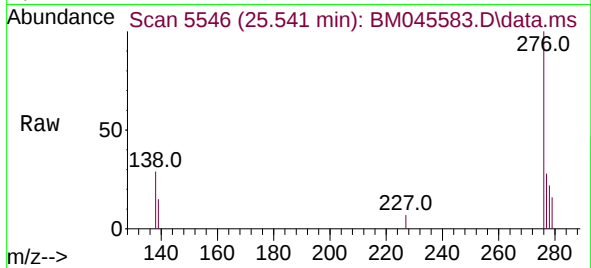
Tgt Ion:252 Resp: 4065
Ion Ratio Lower Upper
252 100
253 34.8 31.6 47.4
125 36.6 19.5 29.3





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.263 ng/ul
RT: 25.541 min Scan# 5546
Delta R.T. -0.030 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17

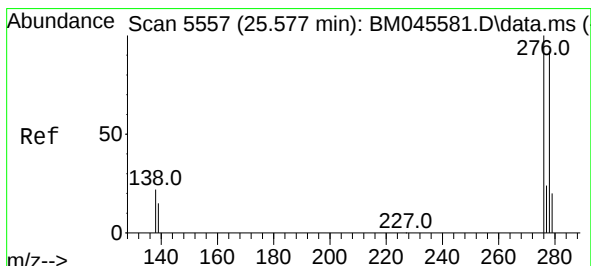
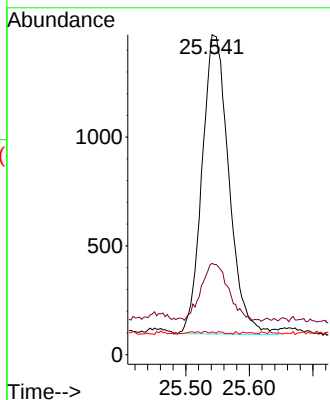
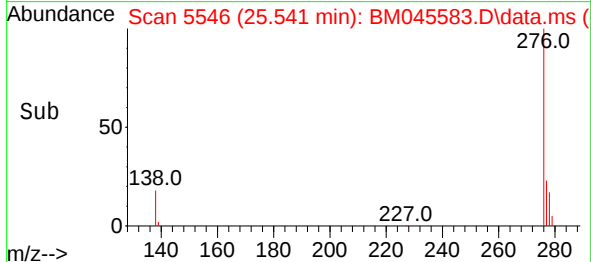
Instrument :
BNA_M
ClientSampleId :
E1CY4DL



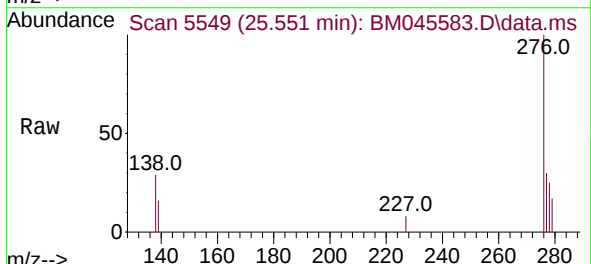
Tgt Ion:276 Resp: 403
Ion Ratio Lower Upper
276 100
138 20.0 19.8 29.6
227 0.2 0.2 0.2

Manual Integrations
APPROVED

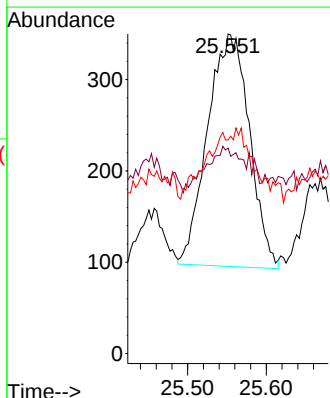
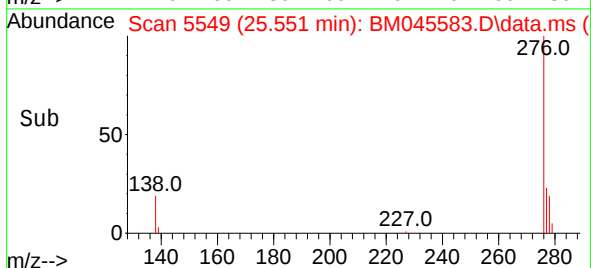
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

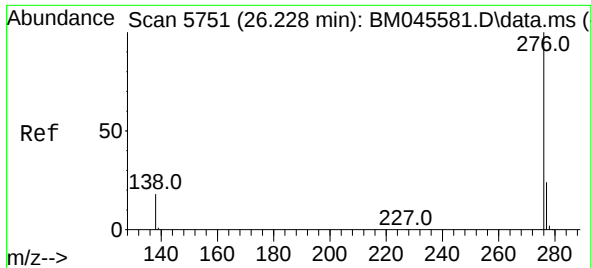


#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.551 min Scan# 5549
Delta R.T. -0.037 min
Lab File: BM045583.D
Acq: 26 Apr 2024 09:17



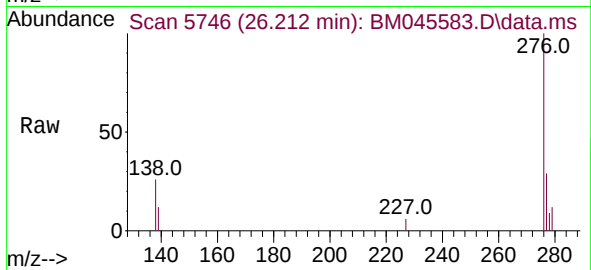
Tgt Ion:278 Resp: 940
Ion Ratio Lower Upper
278 100
139 64.3 19.0 28.6#
279 66.9 29.4 44.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.323 ng/ul
 RT: 26.212 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BM045583.D
 Acq: 26 Apr 2024 09:17

Instrument :
 BNA_M
 ClientSampleId :
 E1CY4DL



Tgt Ion:276 Resp: 4450
 Ion Ratio Lower Upper
 276 100
 138 26.3 20.8 31.2
 277 28.7 21.8 32.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

